

## August Meetings

### Dates & Times:

Matinee, 2:30, Wednesday, August 9  
Evenings, 8:00 p.m., Wednesday and Thursday, August 9 and 10

### Place:

May Treat Morrison Auditorium

### Speaker:

Dr. Christopher Donnan

### Subject:

"The Moche: Ancient Peru's Mastercraftsmen"



**Moche stirrup spout vessel**

More than 1000 years before the beginning of the Inca empire, a people we now call "Moche" flourished on the coastal plain of northern Peru. Although the Moche had no writing system, they produced a vivid artistic record of their activities and their environment in beautifully modeled and painted ceramics, elaborately woven textiles, carved and inlaid bone and wood, and exquisitely crafted objects of copper, silver and gold. Among some of the most beautiful and delicately worked golden treasures on display at the California Academy of Sciences are representative of this ancient culture.

In August anthropologist Dr. Christopher Donnan, Director of the Museum on Cultural History at UCLA, will present a slide/lecture on the technology and iconographic meaning of Moche art. Dr. Donnan had his first exposure to the subject in 1964 while working on Moche material excavated by Max

Uhle in 1899. His subsequent studies and fieldwork in Peru have led to the publication of numerous articles and books, and his expertise and enthusiasm for the Moche promise a unique members' meeting this month.

As usual, your membership card will admit you through either the Cowell Hall or Wattis Hall entrances. (Both stay open until 9 in the evening this summer.) You will be asked to present your membership card once again at the auditorium door for all three presentations.

## Special Exhibits



**Chimu Burial Gloves**

**Peru's Golden Treasures**, a brilliant exhibition in every way, continues through September 17. The photo above illustrates one of the outstanding works of art from the Chimú culture, a civilization which flourished in the north coastal river valleys of Peru from approximately 800 to 1470 A.D. In all five ancient cultures of Peru are represented from the early Vicus through the golden days of the Incas.

Don't forget that through Labor Day the entire Academy of Sciences is open until 9 in the evening, a perfect time of day to see the many exhibits on display and walk quietly through the relatively crowd-free corridors of the Steinhart Aquarium.

Other special exhibits now on display include **Peruvian Textiles: A Weaver's Art** which shows the intricate weaving and looping techniques used in ancient Peru as well as pieces from the Academy's own collection of textiles. In the adjacent gallery is a selection of works by **A. C. Vroman: Shadow-Catcher** featuring over 50 turn-of-the-century photographs of the natives of the American Southwest.

Near the entrance to **Peru's Golden Treasures**, in Hohfeld Gallery II, you will find an exhibit on **Peru's Natural Heritage** with skins and models of some of the indigenous animals of Peru, and selected pieces from the Wattis Collection of Nazca pottery, on loan from the Lowie Museum in Berkeley.

## Living Arts

Once again, in honor of our Peruvian theme this summer, the Living Arts programs feature various aspects of South American culture.

### Pre-Columbian Peruvian Twining

Wednesday through Sunday  
August 2-6

Nora Rogers will demonstrate the ancient technique of Peruvian twining each day from 1 to 4 p.m. The textile art of twining predates loom techniques, as well as the use of ceramics in Peru.

### Peruvian Ceramics

Wednesday and Sunday  
August 9 and 13

Janet Lohr, a ceramist, will present a lecture demonstration about the sculptural motifs in Peruvian ceramics of the Chavin and Mochica styles at 1:30 and 3:30 each day.

### Peruvian Ceramics

Wednesday and Sunday  
August 23 and 27

Again, Janet Lohr presents a lecture demonstration exploring Peruvian ceramics, this time about the traditions of the Paracas and Nazca styles of the south coast. Each day at 1:30 and 3:30.



## Morrison Planetarium

"The Whisper of Infinity", the current daily sky show, continues in the Morrison Planetarium through Labor Day. Take a trip to the very edge of our expanding universe in the comfort of the planetarium each day this summer at 12:30, 2:00 or 3:30 p.m. Evening shows are presented at 7:30 p.m. on Wednesdays and Thursdays.

On Saturday and Sunday mornings at 11:00 a.m. see "**Exploring the Skies of the Season**", an overview of the current night sky over San Francisco. Use your planetarium passes and bring a guest to either of these planetarium attractions.

## Laserium

The magic of **Laserium** continues at the Morrison Planetarium with a new attraction entitled, **The Best of Laserium** which includes the most popular selections from **Laserium I** and **II** and seven all new rock accompaniments by such artists as Fleetwood Mac, YES, and Jefferson Starship.

See **The Best of Laserium** Friday through Tuesday at 5:00, 7:30 and 9:00 p.m. with extra evening shows at 10:30 p.m. on Friday and Saturday nights. There are no Laserium shows on Wednesday or Thursday. All tickets are \$3.25 each and are available in advance through all BASS outlets, or at the planetarium box-office one-half hour before show time. Members are reminded that this is **not** a regular planetarium show **nor** are your membership passes usable for this attraction. Call 752-4264 for more information about Laserium.



One of the most demanding roles which must be filled in an organization the size of the Academy is that of Business Manager, the institution's financial "watchdog". For the past year the Academy has been truly

fortunate to have filling the bill the blonde dynamo, Nancy Dykes, a perfect blend of professionalism, the patience of Job and much needed sense of humor.

In addition to overseeing the Academy's day to day financial operations and four major endowments, she supervises a support staff of ten, handles Academy personnel matters and acts as liaison with the various departments at City Hall, a responsibility which she executed superbly during the Academy's post-Jarvis-Gann planning crunch.

Nancy was raised in Mill Valley and graduated from the University of California at Berkeley in 1970. Her first job was with a major political public relations firm in San Francisco which whetted her appetite to know more about and ultimately work in city government. After a lengthy tour in Europe, she returned to San Francisco and secured a position as legislative assistant on Supervisor Ron Pelosi's staff. A year and a half later she was asked and accepted a position as staff assistant to Chief Administrative Officer, Thomas Mellon, an advancement which not only put her right in the middle of city government activities but also acquainted her with the Academy of Sciences and introduced her to her co-worker/future husband, Steve Dykes.

Nancy and her husband, who was just recently named as Deputy Director for Administration and Development for the Fine Arts Museums of San Francisco, share not only similar careers, but a love for almost any activity which takes them to the great outdoors; or to the "mini-outdoors" which is a perfectly tended garden behind their San Francisco home.

Eight days a week there are numerous and diverse details and projects which require the attention of the Business Manager and at the head of these activities you will find Nancy Dykes, a willing, innovative and invaluable donor to the growth of the Academy.

**Peru's Golden Treasures**, the most ambitious exhibition the Academy has ever offered to its members and to the public is a great success. We owe a tremendous and warm "Thank You" to Chevron U.S.A. Inc., and to BankAmerica Foundation for their generous financial support in helping to bring this splendid exhibit to the Academy.

The Academy also wishes to thank Prudential Lines and Aero-Peru who have donated a round trip fly/cruise for two to Lima, Peru. The winners will have an opportunity to discover more about this area so rich in history and treasures both ancient and contemporary. The trip includes:

- Two economy class tickets from Los Angeles to Lima on Aero-Peru
- A deluxe cabin on one of Prudential Lines' ships from Lima to San Francisco (date to be confirmed approximately three months prior to departure from Lima)
- All transfers, airport to hotel, hotel to ship's berth
- 2 nights at the Lima Sheraton
- 2 days touring, including the Gold Museum in Lima
- Dinner for two at the Tame de Oro restaurant
- **Note:** Boarding tax of \$33.40 per person is not included with trip.

If you wish to enter, please send in the entry form which is printed on the last panel of this "Newsletter" and mail to The California Academy of Sciences, Golden Gate Park, San Francisco 94118, Attn: Peru Cruise. Entries must be received before September 15, 1978 to be eligible for the drawing.

## Meet the Staff



## The Visible Universe

Thursdays, August 3-24  
7:30-9:30 p.m.

View the constellations and planets of the various seasons as seen from San Francisco and other latitudes on Earth, and learn how to use a star finder in this class taught by Michael Bennett. \$15/individual; \$25/family. To register, call or write the Education Office at the California Academy of Sciences, 221-5100, Ext. 211.

## Salmon River

August 6-11

Attention "river-riders"! Spaces still remain on this trip down the "River of No Return", the Salmon, which flows through the Idaho Primitive Area. The price is \$395 per person, including air shuttle from Boise, Idaho to the "put-in" on the river, and pre and post-trip nights in a motel. The price does not include transportation to Boise. Call the Travel Office at the Academy for more information at 221-5100, Ext. 211.

## Lava Beds National Monument and Glass Mountain

September 15-18

September is a prime time for members to visit historic Lava Beds National Monument, an area of ancient volcanic activity and diverse plant and wildlife communities. Geologist Charles Chesterman will guide this four day trip by chartered bus. One night will be spent in the Mount Shasta area and two in Alturas. On the way to Glass Mountain, we will visit Burney Falls Memorial State Park which is located in the evergreen forest of the Pitt River Country. One day will be spent at Lava Beds National Monument exploring ice caves, cinder cones and other varied geological landmarks before returning to San Francisco. Transportation, three nights' lodging and box lunches are included in the price of \$135 per person. There is an \$18 single supplement. A \$50.00 deposit is required with your reservation. Call the Travel Office at the Academy for more information at 221-5100, Ext. 211.

## Pinnacles

October 14

A repeat of last year's very popular trip to the Pinnacles is once again offered to

Academy members under the leadership of geologist Charles Chesterman. The Pinnacles offer good hiking trails, birds, flora and interesting caves and rock formations. Call the Academy's Travel Office for more information at 221-5100, Ext. 211.

## Venezuela, Trinidad, Tobago and Surinam

October 22-November 9

A few space remain on this unusual Academy trip to the rain-forested area of Angel Falls and interior nature preserves of Surinam. The trip, led by Dr. Edward Ross, also includes a unique stop at the caves in Trinidad frequented by the Oilbirds, the subject of a National Geographic article by Dr. Ross.

## Lindblad Antarctic Cruising Expedition

November 29-December 29, 1978

Sixteen spaces are reserved for Academy members on this rare over-Christmas cruise to Antarctica aboard the luxurious Lindblad Explorer. The group will fly from San Francisco on November 29 for a three-day discovery adventure in and around Lima to see such attractions as the Larco Herrera and National Museums, the pre-Columbian ruins of Pachacamac, and more of Peru's golden treasures at the Museo Oro del Peru.

On December 3 you will board the Lindblad Explorer at Puerto Montt, Chile with the first stop at Puerto Natales for a full day excursion to Mylodon Cave and Payne National Park. The cruise continues through the Fuegian archipelago from the Pacific to the Atlantic side of South America, followed by four days spent visiting the wonderful wildlife islands in the Falkland archipelago. In Antarctica the ship is expected to visit Hope Bay, King George Island, Deception Island, Port Lockroy, Anvers Islands and Paradise Bay. The cruise will terminate at Ushuaia, Argentina and the group will return to San Francisco by air arriving Friday, December 29. The cruise, including all land arrangements and excursions is priced from \$4,680 to \$5,640, Twin Room, with air fare extra. Call the Travel Office at the Academy for a complete descriptive brochure and further information at 221-5100, Ext. 211.



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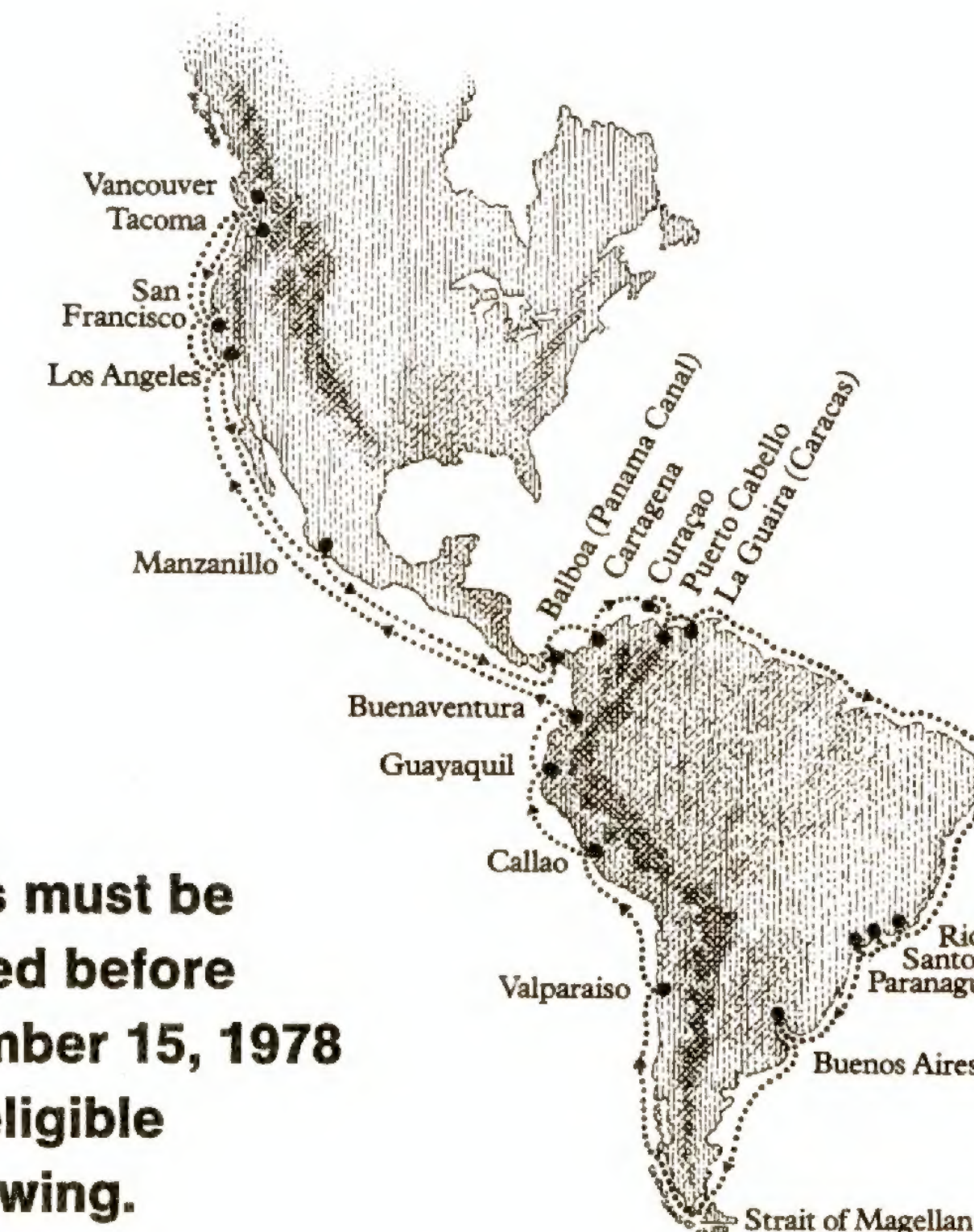
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San Francisco, Ca. 94118  
ATTN: PERU CRUISE



Entries must be  
received before  
September 15, 1978  
to be eligible  
for drawing.



# New Members of the Academy

## Regular Members

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Miss Metta F. Baker  
Miss Patricia Barni  
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Miss Jeri Davis  
William & Barbara Deeming  
Mrs. Celia De la Cruz  
Dr. Michael Denenberg  
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Miss Joan Dimpfl  
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Miss Rosmarie Ellingson  
Ms. Sylvia Ericson  
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Ms. Annemarie Woessner  
Mrs. Stephanie L. Wong  
Linda H. Yee  
Ms. Mamie B. Yee  
Ms. Jean R. Young

## Contributing Members

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Mr. Bradley Wade Clark  
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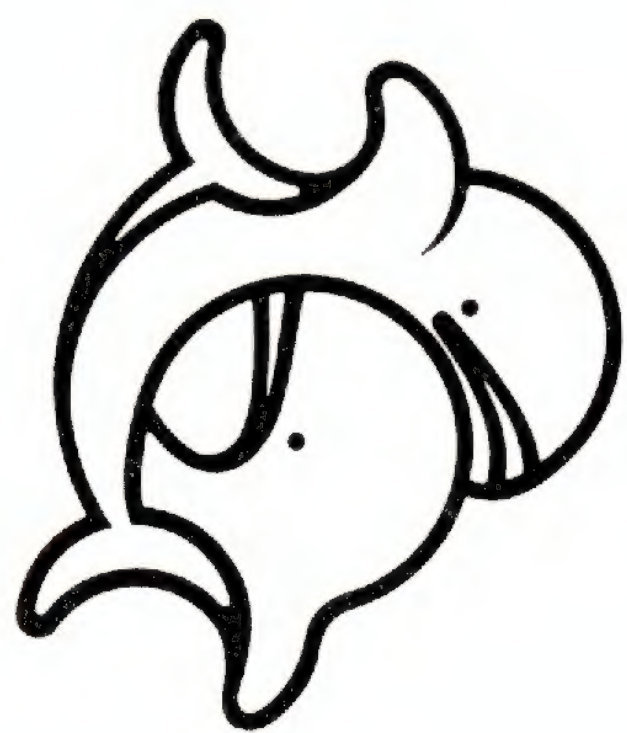
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